Bringing you Closer

ZXHN F620 Datasheet

ZXHN F620 is a GPON Optical Network Terminal designed for FTTH scenario. It provides subscribers rich, colorful, individualized, convenient and comfortable services including voice, video (IPTV) and high speed internet access. It has a small, smart appearance and green, energy-saving advantage.

GPON Interface

- Optical port : 1 x GPON interface (SC/APC)
- Transmission Distance: 0 ~ 20km
- Transmit rate: 2.488Gbps downstream; 1.244Gbps upstream

User Network Interface

- 4 x 10/100/1000Base-T; Half/full duplex; Auto MDI/MDIX; Auto negotiation
- 2 x POTS (VoIP) interfaces

Optical Module

- Wavelength:
  Receiving: 1480~1500 nm
  Transmitting: 1290~1330 nm
- Receiving Sensitivity: -28dBm
- Transmitting Optical Power: 0.5~5dBm

Physical Performance

- Power consumption: <7W
- Dimensions: 180mm(W) x 38mm(H) x 127mm(D)
- Working temperature: 0°C ~ 40°C
- Working humidity: 5% ~ 95%
- Weight: about 260g
- Power supply: 12 V DC
- Mounting mode: Desktop/Wall mounting
- Supports hidden and coiled fiber
- Backup battery: 3AH/6AH (Optional)

Main Function

- Supported service: VoIP, Internet, IPTV
- GPON: 8 T-CONTs, 32 GEM Ports
- VLAN: 802.1Q, 802.1P, 802.1ad
- MAC address table: 1k
- L3 function: DHCP server/Client, DNS Client, NAT
- IPv6: Dual Stack, DS-Lite
- VoIP: SIP/H.248, G.711/G.722/G.729, T.30/T.38
- Multicast: IGMP v1/v2 Snooping/Proxy, MLD v1 Snooping
- Multicast group per user port: 256
- QoS: service flow classification based on physical port, MAC address, VLAN ID, VLAN priority level, IP address; SP/WRR/SP+WRR
- Management: local web management, OMCI, TR069

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